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GODIVA WEEK: Fun and Festivities

by Vera Kan CIV 9T9

As was expected, the Godiva Week Events were a whole lot of fun and excitement for those who attended. Like a lot of engineers I wasn't able to make it to all the events but those I participated in (or witnessed) was spirit-raising, exhilarating, high-fun-rating time-well-spent.

The Mr. Blue and Gold Pageant is one of the highlights of the week for which I nearly missed my dinner, and for which not enough of the attendees lost their cool. (If a boyfriend with a little paunch is accepted by many engineering women, I don't know how a fully developed Molson muscle could fail to excite more of us!) I'm rather sorry I wasn't a judge this year because the bribes have certainly gone up! Some (poorly informed?) contestants stuck to the straight and narrow, but the cornucopia of um...gifts...to the lovely lady judges was *stunning*. Free beers, free liquor, chocolate roses, real roses, more flowers, and a "catering service" personally attended to by one contestant illustrate the high regard (groveling homage?) the judges were held in.

To win the Mr. Blue and Gold Pageant, contestants demonstrate their fine physiques by undressing to their boxers, their sexy appeal by telling their best pick-up line, and their lightning-fast engineering intellect by answering a randomly select-

ed question. Some contestants took the extra step of proving the engineering drinking reputation by downing a beer in one shot. The title of Mr. Blue and Gold went to Joe McNamara (MECH 9T9) after a short discussion by the judges. Incidentally, Joe had realized that the judges were missing dinner in carrying out their pageant duties and thoughtfully arranged for a waiter (and himself) to attend to them with a cartful of cheeses, bread, veggies and other consumable goods.

Ye Olde Grande Chariot Race was another great Godiva Week Event. I was pleasantly surprised to see that it had snowed the night before the Chariot Race, providing the correct ground consistency for this sort of event. I was even more pleased to see that it had continued to snow right through the Race. Someone "up there" had evidently been looking forward to THIS event! (Does anyone remember the Chariot Race of last year, where two minutes before the Cannon shot went off, a great, wild wind blew in from the north, striking the spectators full in the face with snow and cold air?)

I was sorely disappointed to see that at least one discipline was not represented by its own chariot and quickly joined the Bnad for some tootin' hootin' noise production. Bnad instrument not-withstanding, the Chariot Race just got too exciting and I abandoned all restraint,

freely jumping into the fray. Mercifully there were no entrails this year but some enterprising engineer had strewn out some curious wooden sticks in the middle. Fanning out, a number of these intrepid Chariot-blockers (which have some resemblance to the barbs of a barbed wire but only much bigger), caused many a participant to stumble.

The last event I stumbled onto was the Lube Oil Challenge. Prior to smashing an old blue, American sedan (I don't know what model, but it looked like an old Chevy to me), all the lube oil was removed from the engine and the car was left to idle until it smoked up a storm. The engine disappointingly did not catch on fire but stopped running after about six minutes. Maybe American car manufacturers can produce good quality, safe automobiles after all.

Some events I sorely missed (but attended last year and they were great!) included the *Frosh Hard Hat Contest*, the Stores Auction (and oh why...the great deals I missed...pencil leads for dimes...ok...compounds of dimes, a 12-pack of square Post-It Notes for \$2.00, cheap shirts and Skule™ paraphernalia), T-Square Mini Putt (don't knock it 'til you've tried it!), Hats off go to the Blue and Gold Committee, the Chair of the Committee Ryan Morris, EngSoc and all of those who pitched in and made Godiva Week a roaring success!

Godiva Week Photos on pp. 6-7...

(you know you want to see them)

CCES Delegation Returns from Edmonton

by Karen Virk ELEC 9T9, VPX

I hope by now you all have heard something about CCES (*Congress of Canadian Engineering Students*). For those of you who haven't, it is an annual conference that takes place every year for all of the Engineering Societies across Canada. This year it was hosted by the University of Alberta in Edmonton and next year it will be hosted by our lovely and lively University of Toronto. This conference is a chance for all the Engineering Societies to get together and discuss pertinent issues that relate to the engineering profession and the *Canadian Federation of Engineering Students* (CFES). Additionally, it is a forum to exchange information and to meet a whole bunch of really neat people.

This year, the focus was on the restructuring of the CFES to make it more able to serve the needs of the students. This was accomplished by a number of brutally grueling workshops where twenty people gathered round to be heard in both English and French. Those workshops were pretty much my department during the conference

and the first few left a really bad taste in my mouth. The miracle of it was that after a week of blood, sweat and tears, not only did we rally up a new Federation that the initially antagonistic delegates agreed on, but we also got it passed at the plenary. (The plenary is like an AGM where every member school has a vote and the constitution can be changed and mandates given to the executive) I was awed at the expediency of the whole process.

Right now, the executive of the Federation consists of a president and four regional VP's (West, Ontario, Quebec and Atlantic) who double over as VP Education, VP External, VP Internal, and VP Finance. These roles rotate from year to year. For example, last year the VP Ontario was also the VP Internal; this year the VP Ontario is the VP External. It has been changed so that next year there will be one president and seven VP's. The VP's will be the four regional VP's, one VP Finance, and two other VP's whose titles have yet to be determined.

Another major change that happened was the creation of a new commissioner

position to look at gender, racial, and sexual preference issues. This new commissioner is entitled the Commissioner of Social Issues (CSI for short because we all know how much engineers love acronyms).

At the congress, the purpose of the CFES was put on the table and there was much racking of brains as to how they could best benefit the students, an issue every organization battles with on a regular basis. In this case, it was decided that the focus of the CFES should be to help Engineering Societies help the students. This includes writing reports, being an information resource, and being a place to go for ideas and contacts. It is up to the Engineering Societies of each individual school to take advantage of this resource.

This CCES was definitely one that introduced a lot of change and hopefully it will make a visible difference. Well that sums up some of the major changes that occurred and as I hope you all noticed, there are a lot of articles from all the other delegates so please take a second to find out about the world outside of Skule™.

the Cannon

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PLEASE NOTE

The Cannon is a medium through which undergraduate engineering students can express their opinions. The views expressed herein are those of the author and do not necessarily represent those of the editors or the Engineering Society unless so indicated.

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Editorials

Ethics and the Toike

by Gina Seto ENG SCI 979

I hope everybody reads the Toike; not just this issue, but every issue that follows. I am not being sarcastic, or disloyal to the Cannon. I just realize that the Toike is as much a part of my school as is the Cannon, and I can't just pretend that it's not there. Because that's what I've been doing these past years. Look, it's a funny little paper with lewd pictures and scandalous comments. Only today, I read the disclaimer on the second page, "The Toike Oike is a humour paper designed to be funny. The opinions expressed within this paper do not necessarily represent those of the UoT Engineering Society." Hey hey hey, EngSoc has the same attitude that I did! Read it for a lark, but it's not really me, if you know what I mean.

That's funny. A publication that is funded by the Engineering Society, written by engineering students and read by engineering students does not necessarily reflect the opinions of our representative body. They just support it financially and creatively and show it off to companies looking for a good place to advertise. It must reflect us in some way.

Take the article "F'risk Her For A Day", said to be also known as

"F'rish For A Day". Very clever. I wonder how many girls in high school already intimidated by engineering boorishness feel encouraged by this article. I wonder how many females studying engineering right now feel safer after reading that article. I wonder if the female graduates from this fine institution are proud of the progress we have made since their time. I wonder how many male readers snigger, and how many feel embarrassed.

Sometimes I would see a shocking article in the Toike, and I would react by thinking well okay, at least we have the Cannon. If we have a serious paper then we can be justified in having a wild and fun paper, right? But that's like paying a \$5000 fine in advance and then smoking wherever I like (I don't smoke). Even worse, it's like paying somebody else's \$5000 fine and letting them smoke wherever they like.

But like I said, the Toike is a part of this school, and a part of the students. Because if it were not, then I don't have any reason for it to be here.

I'm sorry to have missed the Chariot Race this year. I got several decent second hand accounts (one of which is published in this issue). Now there's an event that I think everybody should watch.

Engineering Ethics

by Julian Dunn COMP 070

Over the last ten years, the issue of "engineers and ethics" has increasingly been championed as a priority for engineers. The PEO (Professional Engineers of Ontario) has toughened their ethics exam, changed their constitution to put more emphasis on ethical issues, and even universities have begun to reflect the attitude change, offering ethics-type courses in an attempt to teach engineering students the necessity of having a peripheral vision. Despite these changes, industry continues to follow one goal: product development solely on a technical and economical basis, with little regard to socio-environmental costs. This attitude was clearly illustrated in a conversation I recently had with my father, also an engineer, about the project he is working on for his employer.

It seems that the project had been started several years ago, but his company had decided to halt development due to excessively high costs. This was not, however, before they had prematurely initiated project construction in a misguided public relations move. Now, several years later, the staff working on the project discover the following problem: they are unable to safely fit all the mechanical equipment into the existing structure, and the company does not want to demolish the building and construct a new one, due to high cost. So what does the company do? It orders the engineering department to find some way of cramming all the equipment into the building! Moreover, the company decided to build another copy of

the project, but instead of designing a new, safe design, they decided to save money and make an exact duplicate of the (unsafe) first!

I was told that this kind of unethical behaviour is commonplace at this firm, and many firms like it. I was also told that a great deal of staff time is dedicated to finding ways of circumventing standards and government regulations, in order to "get away with as much as possible", irrespective of safety concerns. Astounded, I began to examine all the times in my undergraduate engineering career, thus far, where the issue of ethics has been discussed. For one, I have read reams of literature from the PEO, emphasizing the importance of ethics in engineering, and, describing in detail the ethics exam which every P. Eng candidate must pass to become accredited in Ontario. Furthermore, I, like practically every other engineering student, has taken APS103, the "Engineering, Society, and the Environment" course, which taught me that successful engineers possess some peripheral vision, and the engineer's goal should not be solely to produce the most economical product at any social/environmental cost.

What I am afraid of is that, despite being determined to act ethically and responsibly, I will be put into a position where I will be given an unsavoury choice: act unethically, or lose my job. I'd like to think idealistically that such a situation will never occur, but I know better than that - I must develop a way of dealing with such a situation should it arise, as should you. I can only hope that your selected course of action will not disregard all you have learned about engineering and ethics.

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5. NEGLECT FRICTION. NEGLECT GRAVITY.
6. REDUCE EVERYTHING TO A POINT MASS.

THE DEMO AT THE END OF THE TERM COMES THE DEMO - THE CLIMAX OF THE DESIGN EXPERIENCE. PEOPLE WILL CHEER, ROBOTS WILL BLOW, CAPS WILL BLOW. WOOD WILL SNAP, AND YOUR TEAM MEMBERS WILL KILL YOU FOR NOT ADDING THOSE EXTRA SCREENS.

HAVE FUN.

The VP-Xternal's Files

by Karen Virk ELEC 9T8, VPX

Welcome back after a much needed break from studying into the wee hours of the morning and a daily diet of "Snickers", the power bar. Back to the old routine but rejuvenated with a will to learn. (cough) At the forefront of VPX activities, the annual conference CCES took place in Edmonton from January 1st to 7th. I would expand upon it here but the other delegates and myself have already written insightful and informative articles that will hold you spellbound. If you haven't had the chance to take a look let me just say that I was very impressed and as usual, UofT was a vocal force.

Well, that's not the only thing that has happened lately. Among the events of Skule™ that have taken place recently, there has been an incredible Godiva Week, a highly baffling hypnotist and an incredible trip to Ottawa for the amazing and most spirited class at Skule™. In addition to that, I spent my Thursday

morning taping up ECE men greased. Boy did that pay off (and we have the trophy to prove it!).

On the EngSoc side, at our last Executive meeting, after a great discussion where a lot of great points were brought up, it was decided that our Engineering Society needs to be reworked. What does that mean you ask? It means that we are restructuring. Two proposals were presented and we are now entering the workshop and brainstorming stage. If you are interested in helping give birth to the new Engineering Society or just want to let everyone know what didn't work, let one of the Officers know and we'll try our best to incorporate it. This is not something just for elected officials, this is open to everyone so get out and be heard.

Anyways, that's all for me. If you have any questions or just want to let me know what you think you can email me at vpexternal@skule.ca or leave me a message in the VP External box in the Engineering Society. Have a great month!

Smart Sally Summarizes Sunny SengSoc

Sally Atalla MECH 9T7+PEY+PREZ

Happy New Year and welcome back folks!!! Hope everyone had a great holiday!! Last year was a busy one, and this year will be no exception.

Big Things Happening This Spring... Events celebrating the 125th Anniversary of the School of Practical Science Official Grand Opening of the Engineering Career Office National Engineering Week Godiva Week (Our Spirit Week) The annual musical comedy-revue Skule™ Nile Regional & National Conferences and Competitions Gradball, Iron Ring Ceremony, GRADitude Campaign Engineering Society Appointed and Elected Positions open for 1998-1999

It is also Easy to Get Involved in...

Contributions to the Publications (Toike, Cannon, Yearbook, Frosh Handbook) Committee events (Social & Spirit Outings, Dinner-Dances, Professional Development)

Department Club events (Smokers, Trips, Plant Tours) Academic Affairs (Professor Evaluations, Policies, Student-Staff Council) Engineering Athletics

In General...

If you don't want to organize something, try to participate, or show your support by attending!!!

In Other News...

The Vice Presidents and I have been working hard these past few months to get things ready for 1998. We are also trying to improve the way EngSoc runs and would appreciate any feedback or ideas. What would you like to see from your Engineering Society? What do you think of our services and events? You already pay to be a member of the Society, and your input is crucial to how successfully we serve you. Why not tell us what you want?

Contact me directly or leave a message: phone: 416-978-2917 a visit: SFB670 e-mail: president@skule.ca

What Ails EngSoc? Response to VP-Xternal

by Javier Chang ELEC 9T8

This article is a response to Karen Virk's article on page 2 of the Dec. 2nd, 1997 issue of The Cannon: "Your Eng Soc Is Still In A Meeting". Having been involved with the Engineering Society for over 7 months now, I feel that I can give you some answers from the viewpoint of someone who has "been in both worlds." The lack of participation in EngSoc activities and events is an issue that I have heard about since I started Skule™ in 1994. Participation is not the problem; it is just a symptom in a much larger problem that is affecting everyone: CHANGE. This may sound like a simplistic problem definition, but when looking at the situation from different perspectives, I always arrive at this origin. The student population that EngSoc serves today is different from the one EngSoc served 112, 50 or even 10 years ago.

I will break down my theme into three groups: demographic changes, lifestyle changes, and organizational changes. I chose this classification for convenience only. I could have used different criteria and names but the important idea to remember is that they all transform the way students live, play, and work.

Demographics

To illustrate the notion of demographics, turn to page 9 of the Dec. 2nd issue of The Cannon and look at the table titled, "What is your mother tongue?" Over half of the survey respondents speak a first language other than English!! At the risk of simplifying matters even more, I will assume that the results adequately represent the entire undergraduate engineering population. These ESL (English as a Second Language) students come from different countries and have different cultural backgrounds. Using the saying, "You must learn to walk before you can run," as an analogy, we can't expect ESL students to be involved with EngSoc until they are comfortable with not only the English language, but the countless idiosyncrasies of speech (e.g., idioms, jargon, jokes, etc.) that we take for granted.

A reason why students join EngSoc is the "social" aspect: to make friends; to feel

a sense of belonging; to have fun; etc. Because of their large population, ESL students have no trouble making friends who also speak their mother tongue and have similar interests. These people usually have their own "pop culture" brought from their place of emigration: movies, music, television, dances, songs, etc. Consequently, they have very few incentives to connect with EngSoc. Since ESL pupils constitute the majority of classes on average, EngSoc class representatives should represent them by definition. To answer one of your questions then: EngSoc class reps have minor reasons to attend meetings if most of their classmates are not interested in the activities and services that EngSoc currently provides.

Lifestyles

When I refer to lifestyle changes, I am referring to habits, hopes, values, commitments, and everything that encompass our daily lives. Two general observations come to mind when I think of things that have changed from previous generations to ours: 1) Free time is decreasing, and 2) Competition is increasing. People (and organizations) are constantly trying to do more things in the same amount of time (~16-18 waking hours per day) with the same number of resources (materials and energy). Competition turns this into a vicious cycle. This type of positive feedback places a lot of stress on individuals. It forces us to make sacrifices and prioritize everything that we do.

For example, during the Full Council meeting which you describe in your article, you had to make a decision between staying or leaving to complete your Computer Organization work. You decided that it was in your best interests to leave the meeting and finish CompOrg to avoid failing the course. Here lies the crux of the matter: our first priority as engineering students is academic achievement. No matter how important any EngSoc event is or will be, we, as students, are willing to forgo that event over academics. Even when education is not the driving factor,

there are other elements fighting for attention such as family, part-time jobs, recreation, entertainment, and participation in other volunteer organizations (discussed in the next section).

Everyone is affected by this dilemma, but no one deals with it the same way. My involvement with EngSoc this year does not come easily. I made my decision back in March/April to do "something worthwhile" in the Society and planned ahead for it. I selected "easier" fourth year courses. This term, I stopped reading every chapter of every textbook like I used to last year. I skipped lectures to attend numerous job interviews and seminars. Likewise, I'm expecting lower grades this year, but that's acceptable (as long as I pass) because my goals have changed. However, not all students are willing to relinquish their grades that easily.

To provide a second answer to your question(s): Even if students care about EngSoc, their engineering studies impose a strict limit on their level of involvement and commitment.

Organizations

Demographic and lifestyle changes over the years are driving organizations to change as well. In our context, I am referring to the different clubs and committees that engineering students have available to them today at the University of Toronto. According to the 1997/98 UofT Student Guide, there are "over 200 clubs and organizations which exist...[offering] everything from athletics, board games, the arts, dances, drama, pubs, weekend trips, guest lectures, and cultural events." I estimate that most full-time engineering students have time and energy to participate actively in only two clubs. Even if an engineering student had no personal interests/hobbies/sports whatsoever, she would still have SAC, EngSoc, Faculty Council, her Department Club (e.g. ECE, Chem, Civ, etc.), CFES, ESSCO, professional clubs (PEY, IEEE, ASME, etc.) and other organizations that "represent" her engineering affiliation. Obviously, she cannot join all of them!

To the average student, there are just

too many clubs that ask for active participation. Along with those mentioned above, there are also ethnic clubs like CESA and KESA that appeal mainly to ESL students from Chinese and Korean backgrounds, respectively. These ethnic clubs draw away many students from the "pool" of potential EngSoc participants. Each club has meetings, events, activities, and services. EngSoc is only one such club, despite the fact that it represents all 3000+ undergraduate engineering students. In addition, there is an overwhelming number of "levels" in the hierarchy: class (e.g. Elec 9T8), department (ECE Club), faculty, EngSoc, SAC, ESSCO, CFES, and so on. To put things in perspective, I still have trouble appreciating what CFES and ESSCO actually do that affect me as an engineering student at UofT!

My final answer to the questions in your article: The Engineering Society is doing what it has been doing for the past 112 years (operating student activities and services; promoting Skule™ spirit, etc.), but it needs to fundamentally change its "modus operandi" to respond to transformations in student demographics, lifestyles, and other organizations. If not, it risks extinction in the face of competition against other organizations that better serve today's diverse engineering student population. The Engineering Society has to change its image. The chants, songs, beer-drinking, artsie-bashing, nurse-loving, sex-craziness, and campus-rousing are stereotypical icons that promote a Skule™ spirit that exists only among a small group of engineering students.

I am not suggesting that EngSoc be destroyed! I believe it should play a primary role in leading UofT engineering students into the next century. The new Engineering Career Office is a prime example which shows the Engineering Society is adapting to a new student environment. However, EngSoc has to abandon many of its "traditional" practices and add them to its long, unique history. Times have changed, people have changed, and now, the Engineering Society must change.

Skule™ News

Student Host Program

by Shailja Tewari *Employment Chair*

The Student Host Program is a pilot program being offered by the Career Centre for third year engineering students. This program will give students opportunity to meet and greet employers who are coming on campus to interview graduating and PEY students.

This would give students the opportunity to prepare for the "interview process" which they will be a part of next year. By acting as a host, students will observe the interview process and have it de-mystified; this means in their final year, they can concentrate on the best preparation for their interviews.

By meeting with employers, students will be developing potential contacts that

may assist them in securing summer employment.

The commitment to the student host program involves attending one of the two training sessions scheduled for

Monday, January 19 4:00-6:00 PM, Career Centre

Thursday, January 22 4:00-6:00 PM, Career Centre

It then involves showing up at the Career Centre between 8-9 or 9-10 a.m. to meet and greet the employers. Those who are interested in participating in this program are requested to sign-up at the Career Centre for either of the two training sessions.

For further information please contact Shailja Tewari or Nauman Hasan at employment@skule.ca



Is this how I should be holding it?

CUBE's FREE Wine and Cheese Reception

by Mark Ebdon *ENG SCI OTO*

Every engineering student is welcome to attend CUBE's First Annual Wine and Cheese Reception. It will be held from 5 to 7 pm in GB202 on February 5. Don't miss this FREE opportunity to interact with industry representatives from the biomedical engineering field! Also present will be a handful of U of T's top researchers. Come and learn about careers in

biomedical engineering! There will be a few short presentations, and then you can go to work about finding employment for this summer or after graduation. Drink some wine (or non-alcoholic beverages, which are also free) and eat some cheese, and perhaps walk away with a job interview - if you don't drink too much wine.

SEUT

The Sustainable Energy Group at the University of Toronto
Sustainable Energy Technologies for Engineers

<http://www.geog.utoronto.ca/grads/seut.html>

Ice Beer: State Of Emergency, And ECE Party

by Jason Chang *COMP 9T9 ECE Club Social Director*

In keeping with tradition, the 3rd year ECE class traveled to Ottawa for industry tours with world-class technology giants. The trip began on the first Thursday of term, and ended on Sunday afternoon. Anticipated companies on this year's pilgrimage included Nortel, Clearnet, Corel, and Newbridge Networks. Unanticipated were an ice storm, an official state of emergency in areas around and east of Kingston, and an ensuing eight-hour bus-ride.

Unbeknownst to the trip organizers (ECE Club vice-chairs Roman Pahuta and

Khalid Mufti), the Best Western of Hull, the arranged accommodations, had a standing priority agreement with stressed Hydro executives, who were incidentally in extremely high demand in light of nature's latest quest to transform the country into a hockey rink. As a result, we were transferred to the Market Place Inn, in the middle of the Byward Market district in Ottawa. By dinner time on the first day, all the companies to be visited had cancelled their tours. What was a group of 110 people in Ottawa for four days to do without company tours or open shops?

Fortunately, nightclubs, restaurants, bars, and some liquor stores remained open in an effort to save the sanity of the

besieged capital. The large number of UofT engineers, coupled with the decreased attendance of regular patrons at nightclubs, gave way to the ECE invasion of The Reactor on Thursday night at discount cover. The Reactor was quite similar to Toronto's Whiskey Saigon.

Friday saw the mass dispensing not only of cash but also of tears as the Casino de Hull gladly accepted bet after bet made of summer and PEY earnings; this renewed a need for BEVERages. A quick bus tour to the SAQ (Quebec's liquor control board) soon quelled the need. The SAQ thanks those of us on Roman's bus for our support in a time of great need and emergency. On Taps (a close rendition of the Brunswick

House) became the final resting place for ECE that evening.

Most of us were functional by the time of the next afternoon's relatively cultured activities at the National Art Gallery and the War Museum. A hearty buffet at Oregano's capped the day before another night of revelry at RJ's, the Joker of Ottawa.

Thursday was for problem-solving, Friday for getting rich (or trying to), Saturday for a dose of culture, and Sunday for recovery and re-induction to the real world. Despite the lack of company tours, our group adapted well to the pressing circumstances, eventually adding even more to the stories to tell FIROSH about next year.

Vranesic Chess Challenge

by Pierre Dux *ENG SCI OTO*

They came, they saw... they got creamed.

Well, most of them did. The Third Annual Engineering Science Chess Challenge (or, "the event formerly known as a Smoker") went quite well. With one exception (a latecomer without a board), everyone who wanted to play, did. People enjoyed themselves, and took advantage of this less-than-everyday opportunity to play chess against an opponent of this caliber. Many thanks to Professor Vranesic for his time, and thank you to everyone who helped organize publicity (wait that would be... ME), especially to those who helped with the last minute (re-)organization of furniture, and who helped with the cleanup afterwards.

Professor's record on the evening: 21 games played; 14 wins for Professor Vranesic, 6 draws, and one loss (to Benn Handt).



Preparing Youth For Information Age

Media Release

Through a combination of high-tech training and real world experience, the Youth Internship Program offers youth the opportunity to be competitive participants in the technology sector. Sponsored by Human Resources and Development Canada, the Youth Internship Program includes twelve weeks of free information technology training including Internet, Web Page creation, Java Scripting and HTML programming, word processing, Windows 95 and more. Upon completion of the project successful graduates will be given an opportunity to be selected for a minimum of twelve weeks of employment by various businesses in the Greater Toronto Area. All training costs are paid for by Human Resources and Development Canada, and participants receive a training allowance for the duration of the training.

Ken Kainth, a graduate of the Youth Internship Program, says "When I came out of university, I had no idea how to find a job or how to market myself. This program gave me skills that made me competitive, and an employment opportunity that got

my foot in the door. As a direct result of this program, I am now employed in the high-tech sector."

Those eligible to participate are between the ages of 18-25, are legally entitled to work in Canada, have successfully completed Grade 12 (some college or university education is preferred), are not yet engaged in full-time employment, and must pass an aptitude test and personal interview. Candidates should also have strong English communication skills and be motivated and fully committed to the project. The program will commence this month, and interested applicants should fax their résumé immediately to (416) 297-0210 or call for more information at (416) 297-5627.

For Further Information:
Judy Townshend, HRDC Student Coordinator

Youth Internship Program
1711 McCowan Road, Suite 202,
Scarborough, ON M1S 2Y3
Telephone: (416) 297-5627
Fax: (416) 297-0210

Delegates Attending From UofT:

- EngSoc Delegates:**
- Karen Virk (head delegate)
 - Dwayne Shirley
 - Marc Bouchard
 - Tim Christie
 - Colin Knowles
 - Sally Atalla
- CCES '99 Delegates:**
- Tony Ruberto (head delegate)
 - Thadd Nettleton
 - Steve Rouatt
 - Mandy Goundry
 - Jenn Stephenson
 - Jeremy Wohleber
- Science Outreach:**
- Terrence Eta (head delegate)
 - Nicole Januszcak
 - Andrea Hemmerich
- CFES:**
- Lucy Pegoraro



The CCES delegates at dinner prefer to pose for photos than to eat their food.



The U of T Frosh delegate: if lost, please return to...

Words From The Frosh Delegate

by Tim Christie MECH 071

Two weeks ago, I attended the Canadian Congress of Engineering Students in Edmonton, Alberta as a University of Toronto Engineering Society representative.

Being a first-year student, I really didn't know what to expect. What I found was a well-organized and efficiently run conference that addressed many concerns pertaining to Canadian engineering students. The conference not only attracted Canadian engineering students, but those from the United States and United Kingdom as well.

For the most part, the workshops were quite effective. Before going, I had little understanding of the Canadian Federation of Engineering Students (CFES), and that workshop was prominently placed in the first time slot so students like me would have an introduction to the organization. I don't think many of us realize just how much the CFES does, but to see one example, I encourage everyone to pick up the next copy of Project Magazine.

Another workshop I attended dealt with National Engineering Week (NEW). Usually, NEW is not highly recognized at U of T. There is now a standard set of guidelines laid out for activities during the week, kicking off with a national charity event. Keep listening for more news on this subject (it will probably take place around March 7th).

I also attended the Outreach workshop. As you may know, U of T operates a Science Outreach program, which is run during the summer and is staffed by engineering and science students. We discussed how the camps function at different Universities and

came away with ideas on how to further enhance our own program.

The fourth workshop I attended discussed Charity Challenges. This is one area where I feel U of T lags behind. This year, RMC raised over \$70,000 for charity, and U of T was nowhere near that. Except for one event during Frosh Week, we do very little.

The final workshop I attended was about Engineering Competitions. We listened to a report on the last Canadian Engineering Competition (CEC), and discussed ways to improve on it for this year. Incidentally, the bid for CEC 2000 was awarded to University of Western Ontario, which will be very convenient for U of T to attend.

Overall, I felt the conference was excellent, and came away with a good feeling (except for the spots where the duct tape was ripped off). The guest speakers were very good, and I was also impressed with the simultaneous translations in every workshop and session. The city of Edmonton, although very cold, was beautiful, and the University of Alberta was a great host. Sometimes I wished the material was sent beforehand so I would better prepared for the workshops, but that obstacle was easily overcome. I encourage everyone to get involved with the CFES, because it is the only group which represents us at a national level. This year especially will be an exciting time for the CFES, having just completed a restructuring process and equipped with a new executive. My thanks go to U of A, our head delegate and VP-External Karen Virk, and the CCES '99 (which will be held in Toronto) chair Tony Ruberto.

Sally Summarizes CCES Simply

by Sally Atalla MECH 977+P

Well, once again delegates from our beloved faculty attended the annual Congress of Canadian Engineering Students (CCES '98). I was one of 6 students that UofT [a member of the Canadian Federation of Engineering Students (CFES)] sent to represent our 2800 undergraduate students. Typically, the conference offers plenty of opportunities to exchange ideas and information with over 200 delegates from 44 schools across Canada, and this was no exception. The agenda, as always, was packed with workshops, guest speakers, and regional meetings. Being involved in school for five years, enabled me to contribute more, establish useful contacts, and gather particular information to bring back for initiatives that we are working on here at our own university. Items that I worked on and guest speakers that I attended are as follows:

- Establishing a link between the CFES with the Canadian Council of Professional Engineers (CCPE)
- Constitutions & Incorporation for CCES, Canadian Engineering Competition (CEC), and Project Magazine (ProMag)
- Youth, Engineering, & Science (YES)/Virtual Adventure (VACC) Outreach Programs
- Mentorship Programs between people in industry and students
- Regional Meetings
- VP Ontario roles and responsibilities
- Fundraising ideas for ESSCO
- Proposal for student membership in the PEO
- Plenary Session
- Gathering info on Restructuring and Visioning for EngSoes
- Establishing a Commissioner of Social Issues for the CFES
- Evaluation of previous congresses and ideas for CCES 99 (hosted by University of Toronto - whoo-hoo!!!!)

JANNA SYSTEMS CAREER INVITATIONAL

Be a Part of Our Team!

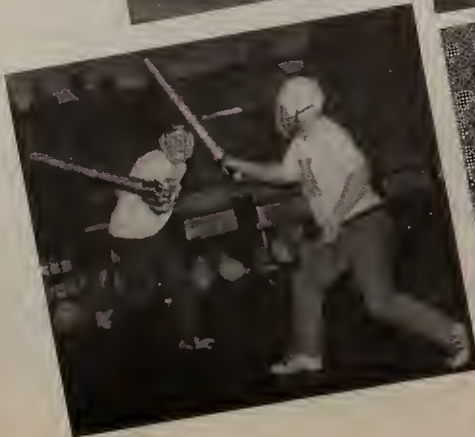
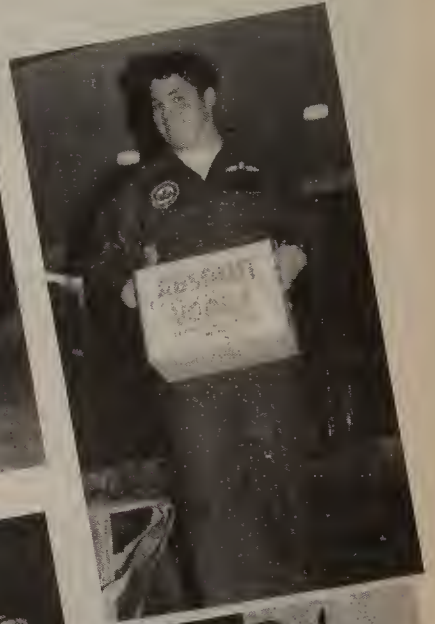
Janna Systems Inc. is a fast-paced independent software vendor and award-winning Microsoft Solution Provider based in Toronto. We design, develop, and market relationship management solutions that provide industry-leading organizations with integrated contact, document, time, and Web management. Our corporate alliances and strategic partners include Microsoft, Oracle, Sybase, Intel, and Nokia. We have experienced over 250% revenue growth over the last year.

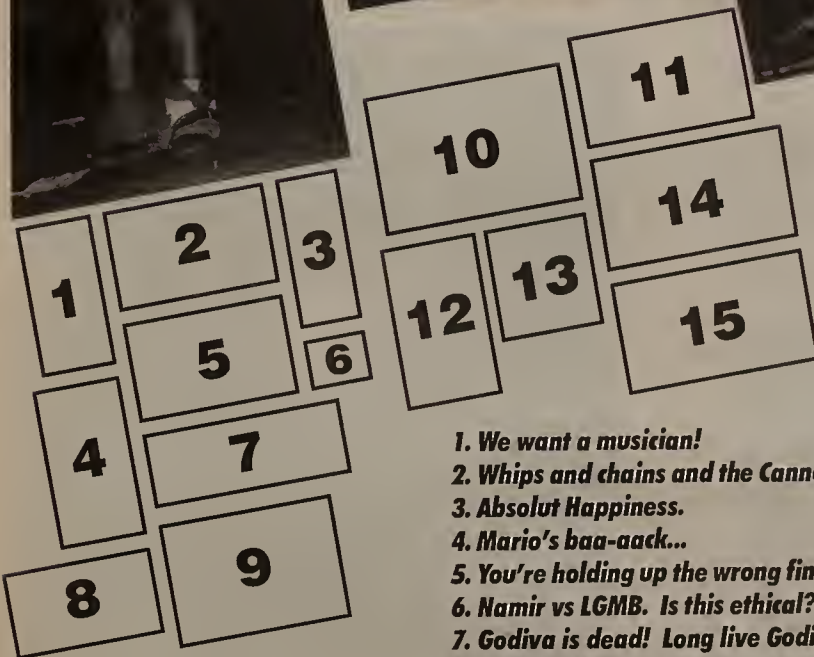
Sounds Great? Take Action!

All applicants are invited to our special event on Jan. 29/98, where you'll have an opportunity to meet with managers and team leaders directly responsible for some of our most high-profile projects. All you have to do is e-mail your resume to hr@janna.com or fax it to 416-483-3220. Attn: Career Invitational.

Full Job Descriptions are available in the Career Centre and in the Engineering Career Office.

GATW





1. We want a musician!
2. Whips and chains and the Cannon.
3. Absolut Happiness.
4. Mario's baa-aack...
5. You're holding up the wrong finger Tim!
6. Namir vs LGMB. Is this ethical?
7. Godiva is dead! Long live Godiva!
8. The Star Wars Craze goes too far.
9. Where's Chopin when you need him?
10. Making a Sloppy Joe.
11. Hey! This is a non-smoking parking lot!
12. The view is worse than the music.
13. See? No scars.
14. How do engineers count from 0 to 10?
15. Struan the Pusher has no underwear.

Skule™ News

Club Reports

Foosball is Fun

by Wendyline Hong CHEM 9T8

Greetings from Chem Club and CSChE!

For those of you who don't know what CSChE is, it's the Canadian Society of Chemical Engineers. The student chapter at UoT is headed by Neetu Chakravarti, a 4th year CHEM student. There will be a CSChE student Conference at McMaster University in Hamilton from February 5th to 8th. This is a conference open to all undergraduate CHEM students across Canada. There will be plant tours as well

as workshops and seminars to explore the wonderful dimensions of Chemical Engineering. So if you are interested, please contact Neetu: neetu@ecf.utoronto.ca for more info. Chem Club has acquired a NEW Foosball/Gittoni table. It is in the CHEM Common Room (WB 238) and games are only \$0.25!!! Our pop machine is up and running once again. So come by and enjoy our fresh cold pop for \$0.50 while you're playing Foosball!!

MECH an' Ice

by Marie-Chantal Ross MECH9T8

The Montreal Trip: What happens when you send a group of 4th year Mechanical Engineering students into a Natural Disaster? Too much alcohol and too little sleep, not to mention cancellations of plant tours. I suppose that this is what happens when you book a tour with Montreal Hydro at the same time that there is NO electricity in most of the city. Did people complain? Well, just a bit. Was there life downtown? Well, hardly. Is it a trip to remember? DEFINITELY!

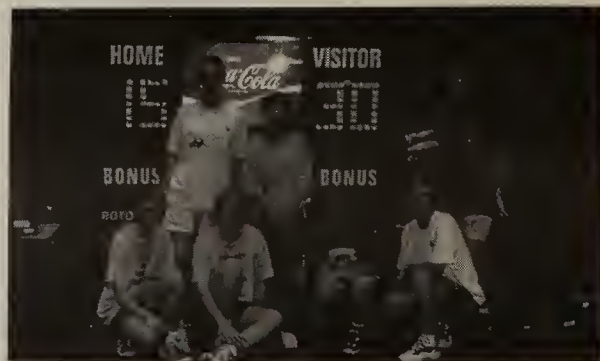
Some of us were fortunate enough to get to see Bombardier, Canadair. It was an incredible tour. We got to see the

construction of a plane from the raw materials right through to the finished product. It was well organized and very informative. It is definitely a recommended tour for years to come.

Special thanks from all 4th year students to Bashir and Sally for organizing the whole thing.

Upcoming Events:

- Winter BBQ! Sometime the week of the 19th in front of San Flem. Come on out and have a professor grill you...up a burger!
- The pool table is still waiting to be fixed. As soon as we FINALLY get it done, we will let you know.



ECE Shows Spirit, Downs Spirits

by Courtney Gibson COMP 9T8

As last term came to a close, over one hundred staff and students came out to the ECE Dinner Dance to celebrate the year, relax and show their spirit. Once we honoured Profs. Dmitrevski, Gulak, Bortoff and Rose as our Professors of the Year, we all launched into an evening of dining, dancing and celebration in the Toronto Colony's rotating banquet hall.

Among the evening's accomplishments were; an appearance of the Skule™ Cannon, a great dance, and proof that not even a room that spins by itself can keep down a drunken engineer.

On behalf of the Club, I would like to extend warm thanks to everyone that came out and made the event a success. We were pleased to see so many Frosh out

this year, and would also like to thank Prof. Zaky for helping to arrange a special Frosh discount.

The year is but half over and, as we sit ready to reclaim our victory in the Chariot Race, ECE is looking forward to another fun-filled term. We will continue our tradition of "smokers" this term, and invite everyone to join us for some refreshments and cheap pizza.

In addition to our social events, for those students who really want to show their ECE spirit, we will soon be selling ECE clothing: check the bulletin board outside the ECE Club Room for more information.

Thanks again for your continuing support and spirit, and best wishes for a great term!

- The ECE Club Exec

For Engineering Science Club Report, see page 12...

Awards

The L.E. (Ted) Jones Award of Distinction

University of Toronto Engineering Alumni Association

About the Award

The Award was established to acknowledge the contributions of L.E. (Ted) Jones, Professor Emeritus of Mechanical Engineering (on staff: Applied Physics, 1936-44; Mechanical Engineering, 1944-75) and Engineering Archivist (from 1970).

The Award recognizes the contributions over his long and distinguished career—to students, alumni and the Faculty—as well as his continuing support and dedication to EngSoc and the Engineering Alumni Association of UoT. The Award endorses Ted's great appreciation of the arts and his love of music in particular.

Criteria

It is presented annually to a graduating student in the Faculty of Applied Science and Engineering who has achieved distinction in his or her Academic program while making a significant contribution in the musical field during the years at UoT.

The Award Itself

The award, sponsored by the Engineering Alumni Association, consists of a distinctive medal and accompanying certificate of recognition. It is presented annually at the Grad Ball and subsequently at Spring Reunion with Prof. Jones personally presenting the Award.

The Selection Process

Nominations for the Award may be submitted by undergraduate students, members of the Faculty, or alumni. Nominations will be received until Feb. 27 of the year of the award and should include sufficient information for the committee to determine the merits of the nominee. The committee reserves the right to suspend presentation of the award if suitable candidates are not identified in any year.

The selection committee will comprise the Assistant Dean (Alumni liaison), a member of the Faculty, the President and first Vice-President of the Engineering Alumni Association, the President and the Fourth Year Chair of the Engineering Society, and Prof. Jones, ex-officio.

Establishment

The Award will next be presented in the Spring of 1998 and will awarded annually thereafter.

SKULENITE

9T8

75TH ANNIVERSARY

March 11 to 13, 8:00 pm
March 14, 2:00 pm

Port House Theatre
7 Port House Circle
978-8005

Tickets sell at the Box Office and at
the Frontend of Student Housing
\$8 in advance



Movie Reviews



Tomorrow Never Dies

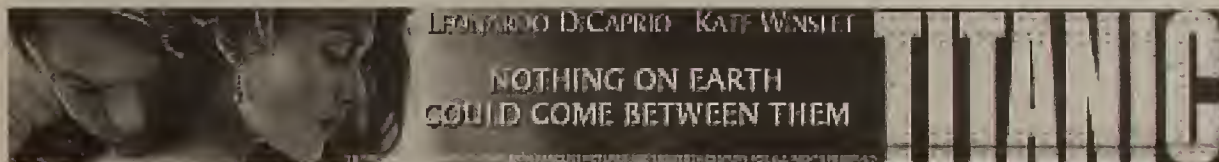
by Martin Bright ENG SCI 070

If you like James Bond movies, you'll definitely want to check this out. Tomorrow never dies is as good as any Bond flick you've ever seen. To some, this may not seem like very much: the 18th installment of a series of action flicks based on Ian Fleming's cheesy spy novel series. However, to the true Bond fan, this film is proof that the greatest agent on earth is still in action, and kicking serious ass while trying to remain a viable entity in the quickly changing world of politics, military and the media. Ever since Roger Moore stopped being 007, it seems like Timothy

Dalton and Pierce Brosnan are actors flogging a dead horse. James Bond represents the old world elite: white, politically incorrect and increasingly irrelevant. But most will simply see this movie as an enjoyable no-brainer, full of good action and fighting sequences, witty (and not so witty) one liners, sexy men & women (Michelle Yeoh is very hot and the opening sequence with music by Sheryl Crow is very slick), and cool technology (Desmond Llewellyn, alias Q, makes his appearance and explains to 007 the finer points of handling a remote control BMW).



My name is Bond, James Bond ...



"A WOMAN'S HEART IS AN OCEAN OF SECRETS."

Titanic

by Carole Song, Tracy Yang ENG SCI 919

After numerous attempts on both our parts, we were finally able to obtain tickets for Titanic. Since Titanic opened on December 19th, it's been number one at the box office. This was one of the most

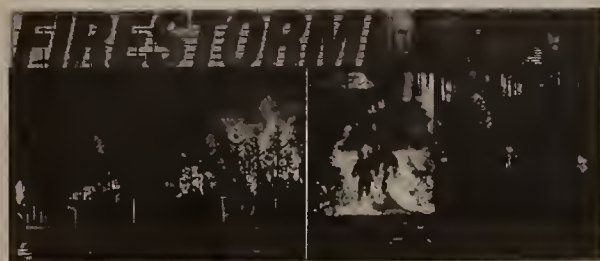
expensive movies ever made. It lasted a little over three hours and due to excellent directing by James Cameron, the audience was left sitting on the edge of their seats and the movie was over before they knew it.

The movie intertwines the history of the Titanic with a timeless love story. Leonardo DiCaprio plays the lead male role of Jack Dawson, a young homeless

traveler who wins his ticket for the cruise in a game of poker. Kate Winslet plays Rose, who was born into high society and is betrothed to a man she doesn't love (Cal) in order to keep her status. When Rose meets Jack, he is able to show her that she has the ability to choose her own path in life. It was the self discovery of an individual.

Though the movie was supposed to tell a tale of tragedy, it was actually told with a positive perspective. The narrator of the story is Rose, a survivor of the fateful voyage, who was able to live a life full of happiness and inner peace thanks to Jack.

We both loved Titanic and give it two thumbs up! :) If you haven't seen the movie, then we highly recommend that you do.



Firestorm

by Tracy Yang ENG SCI 919

This action-packed movie stars Howie Long, an ex-football character for the Raiders, who plays a member of the elite group of fire fighters known as the Smoke Jumpers. Earl Shaye, played by William Forsythe, is a criminal mastermind who plots his escape from prison by arranging to have a nearby forest set on fire. Along with four other inmates, Shaye eludes the authorities by hiking through the forest

while pretending to be a Canadian fire fighter. Jennifer, the leading female character, played by Suzy Amis, is a passionate bird watcher who becomes the hostage of the fugitives. Long plays the role of Jesse Graves, who rescues Jennifer and who saves the day.

Special effects were great, you could almost feel the heat of the fire! The movie was fun to watch; however, don't look for any deep, philosophical meaning. If you're interested in a simple plot and lots of action, go check this out.



Who said you can't do anything after 44!

Jackie Brown

by Martin Bright ENG SCI 070

Quentin Tarantino's latest blockbuster is very stylish, very cool and has a great plot, like his other flicks, Pulp Fiction and Reservoir Dogs. (www.miramax.com reveals too much, so go see the movie instead of trying to read about it.) Tarantino's trademark violence is somewhat toned down in this movie and

is replaced with a kind of romance even though there is crime, gangsters, shootings, drugs etc. The characters are complex, the dialogue is rich. People complained that the movie was too long (close to 2.5 hours); those used to the Pulp Fiction and From Dusk Till Dawn action-packed pace might be disappointed by the more relaxed clip in this movie. But if you just want to "chill" this movie is more than adequate.

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NEWS FROM THE ENGINEERING CAREER OFFICE

3 months later...

Has The Engineering Career Office Been Good for You?

by Seema Opal, Engineering Career Counsellor

Hello students and welcome back to school! January marks the third month of the establishment of the Engineering Career Office at the Faculty of Applied Science and Engineering, University of Toronto. In the three months that we have been in existence, we have worked closely with members of industry, the Engineering Society, the Employment Committee, the PEY Office, The Office of the Dean, The Career Centre, and various members of the Faculty to develop a number of new initiatives to meet your career-related needs. The support and feedback that we have received has been unbelievable. Every recruiter that we have talked with has responded positively to the fact that there is now a career office specifically for engineering students. Engineering students have also indicated that a career office across from the "pit" is helpful for getting career information fast and easy.

In anticipation of your career needs and the needs of engineering recruiters, some of the new initiatives that we have developed and implemented include:

Job Listings:

All job postings that we obtain are photocopied and are freely available in the Engineering Career Office. All engineering-related job postings received by the Career Centre are posted in the Career Centre. Brief job descriptions are sent to the Engineering Career Office. You must go to

the Career Centre to photocopy the full job posting.

Alumni Mentorship Program:

This year, the Alumni Association with the help of the Engineering Career Office has implemented an alumni mentorship program to assist you in gaining valuable information about the world after university. A dedicated group of recent engineering graduates have volunteered their time to answer any questions you might have about the job search process and various positions and industries. Application forms are available in the Engineering Career Office. In addition to our regular mentorship program, you can fill out an interest form and we will find you an alumni mentor specifically suited to your needs.

Web site:

We are currently in the process of developing an Engineering Career Office web site on the Alumni Association "Skule™" page. This web site will provide potential recruiters and current students with information on the Engineering Career Office, the services we offer, and a listing of the firms that currently recruit with us.

On-line database:

We are also in the process of developing an on-line résumé database to help make the recruiting process easier for you and for recruiters. Employers will be able to quickly view the résumés of students who have the qualifications they are looking for by completing a very simple on-line database search. All UoT engineering stu-



dents will be able to put their résumé on this database.

Electronic Workstations:

The Engineering Career Office has two computers available for career-related use by students. You can access employer databases to create personalized electronic lists for personal use. You can also browse the Internet in order to conduct fast, up-to-date company research.

Information Sessions and Seminars:

The Engineering Career Office has also begun working with the Career Centre and the Registrar's Office to effectively advertise career-related seminars and information sessions within the Faculty. At the end of October, we coordinated a company information session at the request of one of our recent graduates. We are currently helping the Registrar's office advertise their series of Professional Development Seminars and we will present an Engineering Summer Job Search seminar on February 10th. The summer job search seminar will be your opportunity to hear what representatives from Galloway & Associates, IBM Canada, and Procter & Gamble have to say about the job search process.

Graduate Employment Survey:

This year we have also developed a graduate employment survey to help us better understand your career-related needs. The survey will provide us with information on graduates' employment status at graduation, and the types of companies they chose to work in. We will also use the statistical data from these surveys to more effectively target the companies you want to work at.

Resources:

The Engineering Career Office also has a library of engineering career-related resources available for overnight loans. We have compiled specific information sources for various engineering disciplines.

Drop by to have a quick look at these information sources. And, if you hear of a good source of career-related information let us know.

Engineering Career Office
Room B760, Sandford Fleming Building
Phone: 416-946-3730
e-mail: seema@ecf.utoronto.ca
newsgroup: ut.engineering.career

Improve Your Employability With Career Workshops

The Career Centre offers a number of workshops to teach students different aspects of finding work, such as identifying one's skills, identifying work opportunities and interview techniques, among many. Each workshop is held approximately four times each month, giving students an excellent opportunity to fit one or all of these workshops into a busy schedule. The five workshops are:

Discovering Your Skills and Options

Identify your skills, interests, personality, and values. Discover how your skills connect to potential career areas. Learn the steps involved in choosing your career.

How to Identify Work Opportunities

Uncover valuable techniques and resources that will enable you to find unadvertised work opportunities. Learn career exploration techniques such as using the Career Resource Library, informational interviews, and volunteer work.

Learn How to Approach Employers

Learn and practise techniques such as networking and cold calls, to help you make contact with potential employers. Become more comfortable promoting your skills. Discover how to successfully follow up with employers.

Interview Techniques

Develop strategies to enhance your effectiveness in the interview. Learn what to expect in interviews and how to handle difficult and typical questions. Gain interview experience.

Resume and Covering Letter Seminar

Learn how to effectively market yourself on a resume and covering letter. Understand why covering letters are important and how to write them.

GSSES Orientation

The Graduating Students Employment Service Orientation helps students in their graduating year to learn how to identify the maximum number of potential opportunities. Participants learn how to create a powerful employment search plan that includes targeting positions that are not advertised.

January

21	How to Identify Work Opportunities Workshop	10:00 - 1:00 p.m.	Career Centre Seminar Room
	Interview Techniques Workshop	5:30 - 8:00 p.m.	Career Centre Seminar Room
22	Graduating Students Employment Orientation	10 a.m.	Career Centre Seminar Room
	Resume and Covering Letter Seminar	1:00 - 3:30 p.m.	Career Centre Seminar Room
23	Interview Techniques	1:00 - 4:00 p.m.	Career Centre Seminar Room
	Discovering Your Skills and Options	10:00 - 1:00 p.m.	Career Centre Seminar Room
24	How to Identify Work Opportunities	10:00 - 1:00 p.m.	Career Centre Seminar Room
26	Recent Graduates Employment Orientation	2:00 p.m.	Career Centre Seminar Room
	Summer Job Search Seminar	3:00 - 5:00 p.m.	Career Centre Seminar Room
27	How to Approach Employers Workshop	10:00 - 1:00 p.m.	Career Centre Seminar Room
	Graduating Students Employment Orientation	2:00 p.m.	Career Centre Seminar Room
	Recent Graduates Employment Orientation	6:00 p.m.	Career Centre Seminar Room
28	Resume and Covering Letter Seminar	10:00 - 12:30 p.m.	Career Centre Seminar Room
	Get the Scoop on Summer Job Searching	3:00 - 5:00 p.m.	Robert Gill Theatre
29	Interview Techniques Workshop	10:00 - 1:00 p.m.	Career Centre Seminar Room
	Discovering Your Skills and Options	10:00 - 1:00 p.m.	Career Centre Seminar Room
	Graduating Students Employment Orientation	3:00 p.m.	Career Centre Seminar Room

February

2	Learn How to Approach Employers Workshop	1:00 p.m. - 4:00 p.m.	Career Centre Seminar Room
3	Resume and Covering Letter Seminar	5:30 p.m. - 8:00 p.m.	Career Centre Seminar Room
4	Recent Graduates Employment Orientation	10:00 a.m.	Career Centre Seminar Room
	Interview Techniques Workshop	11:00 a.m.	Career Centre Seminar Room
5	Graduating Students Employment Orientation	10:00 p.m. - 4:00 p.m.	Career Centre Seminar Room
	Discovering Your Skills and Options Workshop	1:00 p.m. - 4:00 p.m.	Career Centre Seminar Room
6	How to Identify Work Opportunities Workshop	10:00 a.m. - 1:00 p.m.	Career Centre Seminar Room
	Recent Graduates Employment Orientation	2:00 p.m.	Career Centre Seminar Room
9	Graduating Students Employment Orientation	3:00 p.m.	Career Centre Seminar Room
	Interview Techniques Workshop	10:00 a.m. - 1:00 p.m.	Career Centre Seminar Room
10	Recent Graduates Employment Orientation	10:00 a.m. - 1:00 p.m.	Career Centre Seminar Room
	Discovering Your Skills and Options Workshop	2:00 p.m.	Career Centre Seminar Room
	Graduating Students Employment Orientation	7:00 p.m. - 9:00 p.m.	Career Centre Seminar Room
11	Learn How to Approach Employers Workshop	10:00 a.m. - 1:00 p.m.	Career Centre Seminar Room
	Extern Orientation Session	2:00 p.m. - 3:00 p.m.	Career Centre Seminar Room
12	Resume and Covering Letter Seminar	1:00 p.m. - 3:30 p.m.	Career Centre Seminar Room
13	Recent Graduates Employment Orientation	2:00 p.m.	Career Centre Seminar Room
14	Graduating Students Employment Orientation	3:00 p.m.	Career Centre Seminar Room
	How to Identify Work Opportunities Workshop	10:00 a.m. - 1:00 p.m.	Career Centre Resource Library

Coming Soon...

Professional Development Seminar (Jan. 22)

Janna Systems Presentation (Jan. 29)

Engineering Job Search Seminar (Feb. 10)

Check for notices throughout this fine publication for more details.

18	19	20 Cannon issue!	21 EFCR Committee Meeting 5 p.m., Eng Com (SF B670)	22	23 Ice Cream SUDS	24
25	26	27 Eng Soc Full Council Meeting GB221, 6 p.m.	28	29	30 ESSCO COUNCIL - ONTARIO Olympics (see VP Activities)	31
February 1	2 Cannon submissions deadline (GIT your articles in on time) Skule™ Nite tickets (all this week)	3	4 Concrete Toboggan in Calgary (GNCTR) (to Feb. 8)	5	6 Cannon layout weekend →	7
8	9	10 Cannon issue!	11	12	13	14
15	16	17	18	19	20	21
Reading Week ... whoo hoo!						

TechnoGuru Feels His Mouse

by Gregory Kunyavsky COMPOTO

Have you heard about the Comdex "toy"-of-the-year yet? Well, you probably will when the FEELit mouse hits the market in mid-98. The FEELit mouse is a force-feedback device, which means it can apply forces to your hand to create a variety of tactile sensations like textures, liquids, vibrations, weight and springiness. Software that comes with it (probably just a special mouse driver) adds a unique

The
Technoguru
Greg Kunyavsky



touch to the desktop (we're talking Win95 here, stop touching your desk). Icons feel heavy as you move them around, and window borders and sliders feel like grooves in the desktop. Also, software developers can customize tactile effects in their appli-

cations, because support for force-feedback devices like the FEELit mouse is now part of Windows95 (DirectX 5).

As engineers, I am sure that by now you are all eager to dissect the little rodent and see what it's made of. The best description of its internal operation is some sort of "electromechanical mechanism that imparts physical forces upon the mouse-handle with respect to the mousepad surface". They are pretty skimpy on technical details.

Who needs it? Would I buy it myself? If I were blind, I would get it (no pun intended). It might let blind people use graphical user interfaces (GUIs). For gamers, force-feedback joysticks are still probably better. Among business users, it might be viewed as just an expensive toy—which it is; who am I kidding! But if it is pleasant to touch, I would get it for fun, and many others would too, despite the announced CAN\$200 price tag. People were lining up for half an hour to try it out at Comdex—it must be COOL!

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Entertainment

Chariot Race: ECE Bias

by Timothy Price **COMP 9T9 Member of the Champions of the Chariot Race ECE AKA the Greased-Gladmen**

Somebody up there likes us. Year after year Jack Frost blesses our annual Chariot Race with freezing cold weather and lots of snow. And year after year ECE kicks the other disciplines' collective butts.

This year was no exception. What makes ECE such a strong discipline? Is it our spirit building chants "ECE, ECE, ECE" and "It's warm and sunny"? Or maybe it is the grease that covers our bodies—I mean the grease we put on over our bodies (oops!). Whatever it is, it spurred ECE on to its second victory in a row.

The race started with a bang (as usual). The cannon went off early (how did that happen?) and ECE had a quick lead. But trouble was on its way. SAC and the Frosh (neither with working chariots) decided to gang up on ECE. One lucky Frosh got himself stuck under the tires of the ECE chariot and had to be 'forcibly removed'. However, this cost ECE the lead. MECH and EngSci both glided past and took the lead into the second turn and then just as

ECE was catching up there was a moment of silence.

And then a cry pierced the air, "The Wedge! Look out the Wedge is coming!" From out of nowhere the 'other' ECE chariot appeared and set its sights on NSCI. With a thundering crack, the Wedge disabled the woeful NSCI wagon and things looked good for ECE.

Now rounding the third turn it was ECE, MECH, CHEM, SAC and MMS. But what was this? The entire field was covered with jumping jacks! No, not jumping jacks but two foot high tank traps. ECE deftly maneuvered around these obstacles and was gaining some space between the other chariots. ECE turned the corner and was only 50 feet to victory. Against unbeatable odds ECE was only 40 feet from achieving victory (ok I exaggerate a little bit, but I am ECE).

And then the chariot stopped. Attached to the chariot was none other than Mr. Blue and Gold, Joe McNamara. He said the only way ECE was going to win was through him. So ECE dragged him across the finish line for the win.

A Time-Killing, Stress-Relieving, Mind-Boggling, Nerve-Pinching Word Jumble

thiw _ _ _ _
a _ _ _ _
yerv _ _ _ _
kitch _ _ _ _
looden _ _ _ _
yam _ _ _ _
yuru _ _ _ _
samsritch _ _ _ _
lefe _ _ _ _
lare _ _ _ _
genitic _ _ _ _
nad _ _ _ _
remry _ _ _ _

by: Yuval Grinspun
CIXOTO

Scratch and Sniff!!



Crossword Contest Results

The winner to our last crossword was Madhava Enros (Ind0T0) who submitted the solution just hours after its release. Honourable mention goes to Chris Langley (Eng Sci 9T8) who was the only other person to submit a correct solution. Madhava has won two movie passes as well as a crossword book. To receive your prize, contact grinspy@ecf. Below is a solution to the last crossword. Look for the next crossword in the next Cannon.

